

# THE TECH

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BOSTON, MASS., MONDAY, FEBRUARY 24, 1913

PRICE TWO CENTS

## INSTITUTE COMMITTEE HEARS GOOD REPORTS

Sub-Committee Report Progress Along Lines Leading to Reforms.

The first meeting of the Institute Committee this term was called to order by President Mattson, on Friday, at 4.20 P. M. After the usual roll call and the reading of the secretary's report, the treasurer read his report, which showed a very satisfactory balance of \$350.93 on February 1.

Mr. Murdock, who reported for the Point System Committee, said that J. C. Morse had resigned the position of Statistician of the Technique. Now that he has done this, every man in the Institute has no more than the ten points which he is allowed. This record shows the committee to be active and efficient. The report of the committee was accepted.

Mr. Langley read the report of the Union Committee, which recommended the establishment of systematic principles in the supervision of the Union. The committee has posted a list of rules which it seemed wise to adopt, in various places in the Union. Attention is called especially to the ruling that all activities who desire to use the rooms must make an application, for them on blanks provided for the purpose, which may be obtained at the Cage, at least twenty-four hours before they intend to occupy them. A revision is intended also of the arrangement and means of identification of the books belonging to the library. It is especially regrettable that eight of nine in a set of books have either been taken or so mutilated that they are of no use. These books are part of a very limited edition and cannot be replaced.

The Institute Committee then passed a motion which stated its approval of the work done by the Union Committee.

Mr. Brett, in his report of the Finance Committee, recommended that a bulletin board be placed in a conspicuous place in the Union, which shall contain the names of all the members of the different classes. A check is to be placed beside the names of all those who have paid their class

(Continued on Page 2.)

## PROF. SEDGWICK QUOTED.

Is Much Opposed to the Legalization of Euthanasia.

Professor William T. Sedgwick, head of the department of biology, was one of the many great medical men of the country who were quoted in yesterday's Boston Herald concerning euthanasia, which is the painless killing of incurables by scientific methods.

Many of the men quoted were in favor of this method, but Professor Sedgwick expressed himself as very much opposed to it. He said that the taking of human life, except in the case of executions for crime, goes beyond the limits of wisdom, and opens the door for crime. Furthermore, Professor Sedgwick stated that he was very much in favor of the use of narcotics to relieve the pain of these incurables, but insisted that the physician should be allowed to decide for himself in cases where narcotics might prove fatal. Professor Sedgwick was supported in this viewpoint

## MANY OUT FOR PLACES IN TECH SHOW CAST

Final Selections Not Yet Made—New Men Still Have Chance.

During the past week activity in the Show has been very keen. First of all came the selection of the cast, and next the choosing of a chorus and the competition for assistant in the stage department.

A final selection in the cast has not yet been made and will not take place for some time to come. Those who have been retained for further selection are the following: Renney, J. S.



C. P. FISKE,  
Stage Manager for Tech Show.  
Selfridge, S. W. Selfridge, P. Shedd,  
G. Shedd, Kittredge, White Whitehead,  
Worthington, Mason, Owen,  
Hawes, Tapley, Jones, R. Russell,  
Walter Caldwell, Small, McDaniel,  
Howkins, Connor, Brown, Mann, Lieber,  
Wentworth Guernsey, Harris, McDougal,  
Willets Forsythe, Hilton, Fulton,  
Polley, Brigham, Shephard,  
Wells, Blakeley, Gaus, Fletcher, Mc-

## JUNIOR PROM.

Sign-Up Books Out This Week  
For Juniors and Seniors.

The sign-up books for the Junior Prom are out this week for the Juniors and Seniors only. From March 3rd to the time of the Prom all others may sign up. As the committee has limited the number of couples to 230 it behooves everyone who wishes to go to sign up immediately. The following list contains the names of men who hold sign-up books:

Brotherton, W. M., 1914.  
Crowell, D. G., 9-4.  
Dorrance, A. C., 1914.  
Fox, C. E., 1914.  
Guething, T. H., 1914.  
Hiller, A. D., 1914.  
Hines, J. W., 1914.  
Hurlbutt, F. L., 1914.  
Mackentepe, F. F., 1914.  
Mason, E. W., 1914.  
Morse, J. C., 1914.  
Taylor, P. H., 1914.  
Waitt, A. H., 1914.  
White, J. M., 1914.  
Wyman, A. T., 1914.  
Peck, H. D., 1913.

## HARVARD TEAMS WIN AT PROVIDENCE MEET

Tech Defeated in Both Races,  
But Palmer and Huff Both  
Do Well.

Although both our relay teams were beaten at Providence last Saturday night, Tech has nothing to be ashamed of, as Harvard has two crack teams this year which were pushed to their limit on this occasion. Never during either of the races did our chances look hopeless. In the 352 yards, Barry, who drew the pole, got away with a successful start for the first corner against O'Brien, the veteran starter of the Harvard team, holding his lead until the second last corner, where the two men collided in their struggle for the corner. O'Brien being the heavier man, had the advantage. Barry stumbled inside the track but quickly regained his stride and finished a couple of yards behind his man. Before Reid got started Tower was about five yards ahead. Reid ran a pretty race, cutting down the lead to two yards, nearly overtaking his man. Curtis was slightly handicapped from the start as the bandage on his leg became loose and gradually came off. This may have been the reason of his loss of eight yards, making the total loss about 11 or 12 yards. Adams held his own for the first lap, but the task was a hopeless one and Barron crossed the tape 20 yards to the good. The 704-yard team gave Harvard a still harder race. Tech drew the outside position but "Cy" Guething got the jump on his man and led the way for the first lap. McLure then set the pace, with Guething at his heels until the last half lap. The Harvard man then drew away with a strong finish, handing over a lead of 12 yards. His team-mate started off with a sprint, increasing the lead to 15 yards. Bolton kept about the same distance behind until the last lap, where he started to sprint, and succeeded in cutting down the lead to about 11 yards. Benson ran about even against Warner. Before "Spig" Guething was off his man was 15 yards ahead. Guething ran a heady race, holding in until the last two laps. He then uncorked a beautiful spurt, but his man was ready for him and he only succeeded in getting within eight yards of his man when the latter crossed the tape. Although defeats do not help athletic standing, we must pass through this.

(Continued on Page 2.)

## DR. MACLAURIN'S TRIP.

Will Tour the West Once More  
Sometime This Year.

President MacLaurin is to make another trip through the West in the near future. Since his last trip, in which he went along the Atlantic Coast, and to Pittsburg, Chicago and Cleveland, there has been a loud call for him to repeat the trip, and President MacLaurin came in close contact with the leading manufacturing men of the country. All of these men expressed their excellent opinion of Tech and Tech men. There are seven large clubs west of the Mississippi, with important centers in San Francisco, Los Angeles, Seattle and Spokane. It is the intention to have Dr. MacLaurin the guest of all these societies, as well as to make speeches in other towns.

## PROGRESSIVE MEETING TODAY IN THE UNION

Will Meet to Elect New Treasurer and Representative to Federation.

Today, at 1.30, in the Union, the Progressive Club of Technology will meet in the study room to transact some important business. Owing to the resignation of the treasurer, the election of a successor is necessary, and must take place immediately.

Another important office to be filled at the first opportunity is that of a representative to the Massachusetts Federation of College Progressive Clubs. Work has begun in earnest by the Federation in anticipation of the Spring and Fall campaigns. Already plans are being completed by the larger body for a mass meeting to be held during the last part of March, at which several of the country's most prominent progressives will address the college men.

It is now very evident that the Progressive Club will be a fixture at Technology, and at the meeting today plans will be discussed for further activity. All Progressives, whether or not members of the Progressive Club, are urged by the officers to attend today at 1.30, in the study room of the Union.

## CONCERT AT CHELSEA.

Combined Musical Clubs Render Enjoyable Program.

The concert of the Combined Musical Clubs, held in Chelsea last Friday evening, was attended by over six hundred people. A welcome addition to the program was furnished by Mr. Hardy of the Boston Opera Company, who sang two solos. The numbers given by the vocal quartet were particularly well received. The program as rendered was as follows:

1. Shandon Bells ..... Nevin Glee Club.
2. Soldiers' Blood—March.. Von Blon Mandolin Club.
3. South Carolina Sift. G. L. Tracey Banjo Club.
4. Selected. Vocal Quartet.
5. Readings—Selected, H. G. Mann, '16.
6. Solo, Mr. Hardy.
7. The Donkey..... Romero Mandolin Club.
8. Wanted—a Wife..... Mattel Glee Club.
9. Hawaiian Medley, Solo, E. C. Taylor.
10. Come Seven, Come Eleven..... A. D. Grover Banjo Quartet.
11. Selected, Vocal Quartet.
12. Serenade ..... Von Blon Mandolin Quintet.
13. Introduction to Pagliacci, Mr. Hardy.
14. Marksonian Caprice..... Paul Eno Banjo Club.
15. Stein Song..... Bullard Combined Clubs.

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# THE TECH

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MONDAY, FEBRUARY 24, 1913

**THE BULLETIN BOARDS.**

We are glad to notice the recent change that has taken place on the various bulletin boards around the Institute and the more orderly appearance which they present. The carefully printed posters and their uniformity give a much more businesslike appearance than some of the badly scrawled and often misspelled pieces of cardboard which have often been previously displayed.

**MORE INTEREST IN ROWING.**

With Spring almost at hand, plans are now being made for the Tech Crew, which should stand among the major sports of the Institute. Last year's show made a very creditable showing, in spite of the odds that stood against them, and we wish them every success this year.

Considering our limited amount of time, Tech men have done remarkably well in many branches of athletics, and there is no reason to believe that we can not support a crew which would do credit to the Institute. We have plenty of fine material, and the previous crews deserve much praise for their efforts, but there has never been sufficient interest among the students at large for Technology to show up to her best advantage.

At the recent meeting it was pointed out that if this interest is obtained in rowing a permanent organization will be formed, with a first class rowing equipment.

We sincerely hope that a large number of men will turn out to make this year's crew the best Technology has yet produced.

**TECH HEALTH EXHIBIT.**

Moved to Taunton Public Library—Lectures Also Given.

The Tech health exhibit has been moved to Taunton and set up in the Public Library. Great interest has been shown in the exhibit, and a great deal has been said of it in the press. A part of the exhibit is a course of lectures to the people, in which great interest is also being shown.

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MR. KENNARD BEATS CHESS CLUB, 8 TO 4

Four Men of Club Succeed in Winning From Noted Player.

Last Friday evening, Mr. Kennard, of the Boston Chess Club, played a simultaneous match with the Chess Club of M. I. T. Mr. Kennard played in all twelve members, who were seated at tables arranged in a semi-circle. After making one move the clever player moved to the next man, and in that way continued the game. Mr. Kennard allowed the twelve men to consult with one another.

The interesting match finally ended in a victory for Mr. Kennard, who succeeded in defeating eight men out of the twelve. The remaining four men won their games, much to the credit of the club. The four winners were: C. E. Norwood, '14; W. E. Merrill, '13; D. E. Woodbridge, and H. O. Neuman.

The Chess Club is planning to have a club tournament very soon. This event is open to all club members, and it is announced that the entries close on Saturday, March first. The drawings of the players for the finals will be posted March 3rd. One week is allowed for each round, and two for the semi-finals. The rules governing the tournament will be announced later.

**INSTITUTE COMMITTEE.**  
(Continued from Page 1.)

by many prominent Bostonians, dues. It is hoped that this method will insure the collection of a larger percentage of the dues than heretofore. The report of the committee was accepted.

Mr. Fry, of the Bill Board Committee, reported constant supervision on the part of the committee. He said also that all activities must date the event they are advertising. This has not always been done in the past. In the future any poster not dated will be taken down.

Mr. Murdock reported for the committee on the proposed Constitution and By-Laws because of the absence of Mr. Peck, the chairman. He said that the committee wanted criticism. "Now is the time to criticize, not after the Constitution has been adopted. This remark applies to the student body as well as the Institute Committee. Hitherto the committee has had only precedent for authority. Now, by means of the Constitution, we are attempting to put precedent on paper."

After a few remarks by Mr. Weeks of the Tech Show the meeting was adjourned.

**RELAY RACE.**  
(Continued from Page 1.)

just so much of this, in meeting teams of acknowledged higher standing in the intercollegiate world.

Wilson, who was virtually scratch man in the 50-yard dash, won his trial and semi-final heat, but wisely refused to push his old injury in the thigh which he felt was being strained, and pulled in after running half the distance in the final heat.

Huff did remarkably well in the hurdles. With but a foot handicap on Wendell, winner of second place in the recent Olympic games, he handily won his heat and succeeded in getting a very close third to High, the New England champion.

Palmer is another man of whom Tech should be proud. He won a clever third in the mile, passing a large field of good men, and also captured a third place in the 880-yard run against Tom Halpin, the champion quarter and a half miler of the United States and Canada, who in turn was beaten by Gene Marceau, his teammate, who is also one of our famous grads.

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**"MASQUE" ELECTIONS.**

**Four New Members Taken in By Tech's Dramatic Society.**

"Masque," the honorary dramatic society at Tech recently announced the election of four new members of the society, to take the places left vacant by graduation in June. The lucky men are: Robert W. Weeks, '13, general manager of Tech Show this year; George E. Whitwell, publicity manager; Kenneth W. Robinson and Edward G. Brown. All men have been prominent in Tech Show, and were well worthy of their election.

As the membership of the society is limited to thirteen men, these four are fortunate in attaining the honor of being one of the thirteen. The election must be by unanimous vote, and work on Tech Show in previous years is always a large factor in deciding the winners.

**SHOW COMPETITION:**

(Continued from Page 1.)

Clure, Buxton, Rivers, McEwen, Duff, Stirn, James, Hill, Robinson and Galibi.

Coach Sanger was present at the trial for parts in the chorus and his selection was very short and definite. The following men have been retained in the chorus: Wolfe, Medhurst, Camp, Malden, Kingsbury, Brown, Crosby, Bidwell, Hohl and Jones. These men will take the masculine parts, while these others will be used as girls: Sanburg, Howser, Putnam, Higgins, Chadwick, Foster, Schabacher and Karns.

In the chorus there were only about twenty-five men out, but this small number was sufficient since there will be quite a few who will drop back from the cast and take parts in the chorus.

The men who came out for the cast and were not chosen are at liberty to come out for parts in the chorus. It is possible that some of these men are better than those who have been chosen, and there is absolutely no reason why they should not have a chance in the minor parts. In order to come out for the chorus these men should be at the next rehearsal, which will be announced later.

Although there are so many out for the Show, there will not be any great cut from now on. The reason for this is because the plan is to have two complete casts. Those who do not make the principal parts and are still too good to be dismissed altogether will form the second cast and act as understudies. In this way competition for parts will be very great, and all men must be prompt and regular to keep their places. Most of the second cast will drop back into the chorus if they do not succeed in taking the principals' places.

Rehearsals will begin today, and all men whose names appear above under cast selection must be in the Union dining room this afternoon at 4.15. Rehearsals for the chorus will be announced later.

Competition for stage assistant was also held on Friday afternoon, and thirteen men reported to Manager C. P. Fiske in room B, the Union. The following is the list of these men: C. A. Coleman, E. E. Polley, L. L. Connelly, H. E. Whittemore, C. R. Lord, E. J. Goldstein, L. H. Littlefield, C. F. Getchel, R. E. DeMerritt, L. H. Delabarre, G. R. Randolph, W. Eastman and L. Besly.

This will be the last chance for any man to come out for a position in the management of Tech Show, 1913, as all other vacancies have been filled. Any person desiring to try may see Manager Fiske on Tuesday afternoon at 4.15, in room B, the Union.

When in need of anything, no matter whatever it is, be sure and patronize our advertisers.

**MR. HERRICK EXPLAINS NEW USES OF ALUNDUM**

Gives Details of Manufacture of New Material of Many Uses.

A very interesting lecture was given Friday afternoon by Mr. K. E. Herrick of the Norton Manufacturing Co. of Worcester. His subject was "The Laboratory Applications of Alundum." With Alundum we ordinarily associate an abrasive similar to carbondum or corundum. Such was its original purpose, but in the last few years it has found a greater and more important application in the chemical and physical laboratories, as well as limited use in the industries.

Alundum is an artificial oxide of aluminum. The raw product is bauxite, a hydrated oxide of aluminum which is mined in the southern part of our country. It is then shipped to Niagara Falls, where it is first calcined, and then melted in the electric furnace. The impurities, mostly metallic oxides, and the pure  $Al_2O_3$  is removed in immense ingots weighing five tons each. After cooling, these are broken up and the pieces shipped directly to Worcester. Here they are ground, and then mixed with a binder and burned in a kiln. The result is a finished product, which gives great promise of revolutionizing certain procedures in the chemical laboratory.

The first use of Alundum, of which Mr. Herrick spoke, is due to its high refractive power. It is far superior to ordinary porcelain for the manufacture of crucibles, as it can stand a great deal more heating. Moreover, owing to its low coefficient of expansion, it will endure very rapid heating and cooling. Its good thermal conductivity, in which it far excels porcelain, makes possible fusions which must otherwise be made in platinum. Although it is very inert, chemically, it cannot be employed as a complete substitute for platinum, but as a supplement to the latter it is unexcelled.

Its second important application is that of a thermal conductor. As an inactive lining for furnaces, but one that will at the same time readily conduct heat, it has proved very useful. It has been successfully employed in the melting of platinum, and it is said that an electric furnace in which the coil is wrapped around a hollow core of Alundum can be raised to this very great heat in the space of fifty minutes.

But what seems to be by far the most important use for Alundum is its porous property. As a filter it has great possibilities. This application is one of very recent origin and has not as yet found general use. Alundum filters have only been on the market since last September, and though, like all things new, were considerably criticized, many prominent chemists at the present time use them exclusively. The substance which is to be filtered is placed in one of these Alundum receptacles, which are made in the form of crucibles, as well as pressed funnel-shaped instruments which fit in the filter funnel, and then fitted tightly in the top of a filter, just as with the Gooch Crucible. The filtration takes place by suction, and takes place much more rapidly and satisfactorily than in the old asbestos filter.

Mr. Herrick closed his talk by remarking that he does not hope that this new filter will find immediate application in all the laboratories of the country, but prophesied that it will surely be the filter of the future.

**FRESHMAN TRACK TEAM.**  
Manager Webster of the Freshman track team is arranging for a series of dual meets with local high schools. The meets will be held Wednesday afternoons in the Tech Gym. It is hoped to have the first on with Boston College High School this week.

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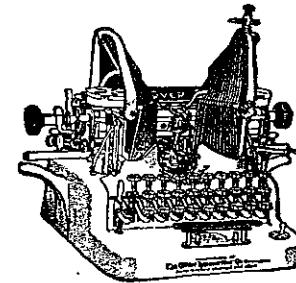
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Faculty Notices, free. Activities, 4c. per line. Individuals, 10c. per line, 6 words to a line.

JUNIOR PROM sign-up books out February 24, for the use of Juniors and Seniors only.

MUSICAL CLUBS—All men must be at Scollay Square subway station at 7.10 P. M., Friday, February 21, for the Chelsea concert.

## FACULTY NOTICE.

The First-Year English Section for foreigners meets Tuesdays, at 4 o'clock in 21 Rogers. Enrollment in this class cannot be allowed after February 25.

5 COLUMBUS SQUARE—Owner would like to let two fine rooms to Tech men. Plenty of heat and hot water. References expected. Tel. Tremont 2331-M. (5t)

## NEW YORK TECH CLUB.

To Provide New Quarters For Its Thousand Members.

The New York Tech Club has taken up in earnest the work of securing improved quarters for its members. At present the membership of the club is over one-third, and the house in Gramercy Park is too small. One proposal has been made to put up an addition costing \$30,000, but many of the members are in favor of moving to 42nd street. The Tech Club is one of three State college clubs to have permanent quarters in New York.

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